**NATURAL DISASTERS PROJECT**

**LEVEL FOUR**

**COMPULSORY TASK**

On a World Map, indicate the major regions where all the natural disasters listed in the table below tend to occur. Use colourful symbols and a key to indicate the location of each of the types of disasters. Label the locations and the map appropriately.

**TASKS WITH OPTIONS**

Choose a type of natural disaster you would like to research in more detail from the table below:

|  |  |  |
| --- | --- | --- |
| **Floods** | **Volcanoes** | **Cyclones/Hurricanes/Typhoons** |
| **Bushfires** | **Earthquakes** | **Tsunamis** |

From the options listed below, you need to choose one from each column to complete:

|  |  |  |
| --- | --- | --- |
| **Written** | **Creative** | **Technology** |
| Research a specific major disaster and make a timeline of events (at least 10) | Construct a 3D model to show how the disaster happens – label it appropriately | Create a Powerpoint with at least 10 slides including animation, information, diagrams and photos about your chosen disaster type |
| Make a facts chart with at least 10 facts about your chosen natural disaster | Make a diorama to illustrate a major disaster – label it appropriately | Use Kahootz to make an animation of a natural disaster happening, from before it begins to afterwards |
| Make a table detailing information about a natural disaster, including: TYPE, WHEN, WHERE, DAMAGE, CASUALTIES, OTHER INFORMATION | Design a building that will survive the type of natural disaster you have chosen – it must have at least 10 disaster proof features. | Make a spreadsheet and construct at least two graphs to illustrate the effect of your chosen natural disaster on the environment and on the people who live nearby |
| Make a poster with at least 10 labelled photos showing the events unfolding in an actual natural disaster | Make a cross section model of a natural disaster and label it with text flags | Make a multi media slideshow with at least 10 digital photographs illustrating how to avoid/survive the natural disaster you have chosen |
| Make a booklet with at least 10 rules to prepare for/avoid the natural disaster | Make a cartoon strip showing the sequence of events in the natural disaster, label each picture properly | Make a 10 minute video clip about your natural disaster and download it to show on the IWB. It must include commentary and pictures |
| Write a summary report of an actual event – include diagrams or pictures | Make an action model to illustrate a natural disaster happening, demonstrate this to the class (with commentary) | On the computer, make a flow chart to show at least 10 critical stages of your chosen disaster |

You will need to access a variety of resources in researching your Natural Disaster. Consider non-fiction books, newspaper clippings, encyclopaedias as well as internet web sites. Prepare a bibliography with exact references (NOT “Google”!) and attach it to your completed work.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Below expected standard | Towards expected standard | At the expected standard | Above the expected standard |
| Compulsory task | Not all types of disasters are located on the map, which is hard to follow | The map is complete but it is not easy to understand | The map is complete and the symbols are well explained | Mapping and symbols are of an excellent quality, clearly labelled and including more detail than was expected |
| Written task | Information is incomplete or irrelevant to the topic | Some relevant information is included but not as much as was asked for | The information is as asked for in the task | Relevant information is all included and extra information has been supplied that helps the reader really understand |
| Creative task | A poorly presented piece which does not really explain the topic to the audience | A basic piece with some explanation of the topic but it does not clearly explain all aspects | The topic is clearly explained by the piece, which is labelled appropriately | After viewing the piece the audience has learned new information relevant to the topic |
| Technology task | An incomplete or poorly completed piece which is lacking aspects of the task | A basic presentation which does not meet all the criteria | The task has been completed as specified and all information is presented | An entertaining presentation which explains all aspects and teaches new information |
| Presentation | Setting out is messy and/or spelling is poor | Setting out is very basic and/or spelling is not always correct | Setting out is clear and easy to read, all punctuation and spelling is correct | Setting out makes the information very easy to locate. Writing is excellent and spelling is correct. |
| Bibliography | A basic bibliography but there is not enough in the bibliography to direct the reader to the information they used | | The bibliography includes all information necessary to find the resource material used | |